Hinton List.

Copy sent Mr. Hinton Apr. 18, 1939.

11.

all entered 6/25/41 B.G.S.

✓H795	Desmanthus virgatus (L.) Willd.		
✓6885	"	"	"
✓7693	Mimosa aculeaticarpa	Ortega	
✓6546	Mimosa	mixtecana	J. S. Brandeg.
✓8485	"	somnians	Humt. & Bonpl.
✓4381	"	Cabrera	Karst.
✓8065	"	"	"
✓6298	"	distachya	Cav.
✓10746	Inga	edulis	Mart.
✓4142	Acacia	Coulteri	Benth.
✓11187	Pedilanthus	Palmeri	Millsp.
✓11058	"	"	"
✓10255	"	"	"
✓4840	Euphorbia	dioscoreoides	Boiss.
✓6974	"	"	" ?
✓4770	E.	graminea	Jacquin
✓1772	E	"	"
✓5101	E.	colimana	Rose
✓1787	E.	dioscoreoides	Boiss.
✓1751	E.	"	"
✓1475	Schrankia	distachya	Roc. & Less in DC.
✓5865	Pithecellobium	unguis-cati (L.)	Mart
✓7756	"	"	" "
✓7806	Calliandra	bijuga	Rose
✓5417	Acacia	acatlensis	Benth
✓3747	"	"	
✓5507	Acacia	macilenta	Rose
✓1757	Acalypha	hypogaea	S. Watson
✓4405	A.	ocymoides	HBK ?
✓4596	"	"	"

entered 6/25/41

Hinton List -

√5377 Acacia filicioides (Cav.) Trel.

√7872 Aeschynomene compacta Rose.

√312 Diphysa racemosa Rose

√1580 Cologania grandiflora Rose

√10656 " pulchella H B K.

√10957 Centrosema pubescens Benth.

√5836 Courseetia glandulosa A. Gray

√7291 Myrospermum frutescens Jacq.

√11182 Rhynchosia potosina Brandegee

√5605 Phaseolus vulgaris L.

√623 " obvallatus Schlecht.

√10927 Ramirezella Buseri (micheli) Rose

√9350 " strobilophora (Robinson) Rose

√1989 " " " "

√6603 Tephrosia littoralis (Jacq.) Pers.

√2281 Dalea nutans (Cav.) Rose

√3692 Dalea nutans (Cav.) Rose ——— D. subnomtana (Rose) Bullock fide Bullock Kew Bull p 198 (1939)

√5856 Indigofera Palmeri Watson ? (no leaves).

√5173 Ipomoea Buerckheimii Vatke

√6543 " Robinsonii House

√5002 " minutiflora (mart. & Gal.) House.

√4817 Operculina rubicunda House

√4991 Quamoclit coccinea (L.) Moench.

√4606 Ipomoea purpurea (L.) Roth.

√6525 " decasperma Hallier f.

√34324 " tiliacea (Willd.) Choisy

√5511 " batatas (L.) Poir.

√2164 " igualensis Weatherby

√2177 Jacquemontia pentantha (Jacq.) Don

√6638 " " " "

√5124 " azurea (Desr.) Choisy

√4704 " " " "

entered 6/25/41 BSB.

√ 5243 Eupatorium Holwayanum Robinson
√ 2815 " " "
√ 3336 " mairetianum DC.
√ 2551 " hebebotryum (DC.) Hemsl.
√ 2486 " " " " .
√ 5185 Crotalaria sagittalis L., var Blumeriana Benn. ined
√ 6498 " filifolia Rose
√ 4717 " " "
√ 1290 " eriocarpa Benth.
√ 2205 Stevia rhombifolia HBK.
√ 4537 " elatior HBK. var. dissoluta (Schlecht.) Robinson
√ 4964 Crotalaria mollicula HBK. var. Schaffneri Benn ined.
√ 10843 " vitellina Ker
√ 10352 " " "
√ 2417 Vernonia cinereifolia (Sch. Bip.) Gleason
√ 2724 " " "
√ 5320 Verbesina Klattii Robinson & Greenman
√ 2763 " " " "
√ 2469 " perymenioides Sch.-Bip.
√ 2425 " " " " .
~~2469~~ " " " " .
√ 6521 Pectis capillaris DC.
√ 6677 " " " .
√ 6606 " linifolia L.
√ 4797 " propetes Greenman
√ 2509 " " "
√ 5944 " canescens HBK.
√ 6472 " " "
√ 1270 " dichotoma Klatt
√ 6450 Zinnia tenella Robinson
6316 " maritima HBK.

Entered 6/25/41

Hinton List -

14.

6207 Melampodium oblongifolium DC.
1661 " gracile Less.
2038 Liabum Palmeri Gray
3286 Brickellia lanceifolia Rob. & Greenman
3063 " "
4546 Bidens pilosa L. var. bimucronata (Turcz.) O. E. Schulz
1486 Cosmos caudatus H B K.
6745 " " "
4790 " " "

Entered 6/25/41

Mexican Grasses collected by George B. Hinton
(Acc. no. 158298)

Identified by A. Chase, U. S. National Museum, October 1943

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913. Agrostis Schaffneri Fourn.
1062a. Panicum hirticaule Presl
1338. Agrostis Schaffneri Fourn. mixed with A. Verticillata Vill.
1807. Paspalum Hintonii Chase (type)
1987. Muhlenbergia Emersleyi Vasey
2317. Peyritschia koelerioides (Payr.) Fourn.
2702. Leptochloa dubia (H.B.K.) Nees
2702a. Eragrostis pectinacea (Michx.) Nees
10801. Panicum biglandulare Scribn. & Smith

none in Gray Herb.

Sociedad Cooperativa de Producción de Minerales

"MINERAL DEL RINCON SECCION 45" S. C. L.

106

NUM. DE REGISTRO DE LA SECRETARIA DE LA ECONOMIA NACIONAL; 830-P.

30

FECHA DE CONSTITUCION:
5 DE DICIEMBRE DE 1939.

MINA EL RINCON
VIA TOLUCA MEX.

IDENTIFICATIONS BY DR H.A.GLEASON

NEW YORK BOTANICAL GARDEN

- 14700	Topobea calycularis Naud
- 14661	" " "
- 9936	Miconia heterothrix Gleason TYPE
- 12710	" " "
- 10752	" " "
✓ - 13933	Miconia anisotricha (Schl.) Triana
- 1377	" " " "
- 9256	Conostegia xalapensis (Bonpl.) Don.
- 14510	Leandra multiplinervia (Naud.) Cogn. ?
- 10361	Miconia obconica Gleason TYPE
LL)∞	
- 11070	Tibouchina durangensis Standl.
- 7533	" Pringlei Rose
- 7298	" " "
- 12810	" " "
- 7398	" " "
○ 110	" scabriuscula (Schl.) Cogn.
- 7066	" " " "
- 6815	" " " "
- 7183	" " " "
- 7177	" " " "
- 8695	" hirsuticalyx Gleason TYPE
checked → 7187 in ledger	" " "
- 7165	" " "
- 12706	" Naudiniana (Dec.) Cogn.
- 12569	" " " "
- 9952	" connata Gleason TYPE
- 11015	" Hintonii Gleason TYPE
- 11503	" " "
- 10612	" " "
- 14993	" " "

entered 5-21-69 K.R.

68

ACANTHACEAE.

Determined by E.C. Leonard. U.S. Nat. Museum.

102

Aphelandra Deppeana C. & S. (9903, 10919, 11477, 14691)
" madrensis Lindau (11648)
" verticillata Nees (13486)
Barleria micans Nees (8738, 8764, 8782, 9956, 11008. 11017, 11022. 11570, 11739, 14930)
Carlowrightia glabrata Fernald (11216)
Chalarothyrsus amplexicaulis Lindau (8867, 11270)
Dicliptera aquatica Leonard (5602)
" Haenkeana Nees (13309)
" resupinata Juss. (9840, 12619, 13400)
Dyschoriste hirsutissima (Cav.) Kuntze (9203, 11325.11573, 13404)
" ovata (Cav.) Kuntze (11416, 13071)
" saltuensis Fernald (11036)
Elytraria squamosa (Jacq.) Lindau (5953, 9791, 9812, 10995, 11578)
Glockeria gracilis Nees (10758)
Henrya scorpioides Nees (11217, 11779, ~~7611~~)
Jacobinia capitata Leonard (8598, 8075, 8100)
" mexicana Seem. (9679, 12620, 5190)
" umbrosa (Benth.) Blake (12538)
Justicia carthaginensis (8308, 10645, 10878)
Justicia furcata Jacq. (13137)
" paniculata Rose (14095)
" Pringlei Rob. (13244)
" reflexiflora Rich. (10855, 10955, 11478, 12624, 15322)
" salviiflora HBK (11319, 11721)
[Odontomema callistachyum (C. & S.) Kuntze (12585)aa]
Pseuderanthemum praecox (Benth.) Leonard (~~8879~~. ~~11243~~, 11805, 14672)
" Standleyi Leonard (8865)
Ruellia alboviolacea Lindau (11018)
" Galeottii Leonard (9820, 9837, 15323)
" Hookeriana (Nees) Hemsl. (10488, 10594, ~~8117~~)
" intermedia Leonard (9074, 13004)
" jaliscana Standl. (12659)
" megasphaera Lindau (10195. 11756, 12611)
" nudiflora var. puberula Leonard (12015)
" Palmeri Greenm. (11757)
" rubicaulis Cav. (9906, 11564, 14995)
" spissa Leonard (10523, 13039)
Stenandrium mexicanum Leonard (7707, 8080, 8127)
Tetramerium hispidum Nees (9789, 9806, 11327, 15316)
" nervosum Nees (11744)
Elytraria squamosa (Jacq.) Lindau (15321)
Hygrophila Pringlei Greenm. (15387)
Dicliptera peduncularis Nees (238)
Dyschoriste hirsutissima (Cav.) Kuntze (204, 14873)
Justicia Clinopodium Gray (8065)
Pseuderanthemum praecox (Benth.) Leonard (351)
Tetramerium tenuissimum Rose (6969)

99

Mexican Compositae collected by George B. Hinton.
(Mus.no. 156182: Lot 4, in part)

Identified by S.F. BLAKE. December 1940

70

48

A

Archibaccharis glandulosa (Greenm.)Blake (15405)-
" sescenticeps Blake (14784)-
Aspilia strigosa (H. & G.) B.& H.? (14568)-
Bidens aff. pilosa L. (14895)-
Brickellia scoparia (DC.) Gray (14872)-
Calea scabra (Lag.) Rob. (14802)-
" urticifolia (Mill.) DC. (14911)-
Carminatia tenuiflora DC. (14949)-
Cosmos cf. diversifolius Otto (14804)-
Desmanthodium fruticosum Greenm. (14628)-
Eclipta alba (L.) Hassk. (14576)-
Elephantopus mollis HBK. (14992)-
Eupatoriastrum triangulare (DC.) Rob. (14634)-
Eupatorium areolare Rob. (14811,14879)-
" collinum DC. (14839)-
" odoratum L. (14841)-
Heliopsis buphthalmoides (Jacq.) Dunal. (14736,14749,14876)-
Lagascea angustifolia DC. (14918)-
" dicipiens Hemsl. (14827)-
Melampodium dicoelocarpum Rob. (14614)-
" divaricatum (Rich.) DC. (14648)-
Montanoa patens Gray (14852)-
" subtruncata Gray? (14618)-
" uncinata Sch. Bip. (14818)-
Notoptera tequilana var.acuminata (Wats.)Blake (14566)-
Oxypappus Seemannii (Sch. Bip.) Blake (14913)-
Perezia Pringlei Rob.& Greenm. (14912)-
Pseudelephantopus spicatus (Juss.) Rohr. (14990)-
Rumfordia floribunda DC. (14890)-
Salmea scandens (L.) DC. (14978)-
Sigesbeckia jorullensis HBK. (14745)(14805)-
Spilanthes ocymifolia (Lam.) A.H.Moore (14847)-
Stevia latifolia Benth.vel aff. (14957)-
" rhombifolia HBK. (14671)-
Synedrella nodiflora (L.) Gaertn. (14701)-
Tagetes cf. remotiflora Kunze (14663)-
" stenophylla Rob. (14910)-
" subulata Llave & Lex. (14914)-
Tithonia rotundifolia (Mill.) Blake (14702)-
Trigonospermum floribundum Greenm. (14934)-
Vernonia cenescens HBK. (15393)-
Verbesina Liebmannii Sch.Bip. (14756)-
Viguiera buddleiaeformis (DC.) B.& H. (14870)-
Zexmenia crocea Gray (14835)-

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Mexican COMPOSITAE collected by Geoge B. Hinton
Identfied by Dr. S.F. Blake.

79
55

Archibaccharis asperifolia (Benth.) Blake. 8836
" glandulosa (Greenm.) Blake. 8823
" hieracioides Blake. 3271
" hirtella var. intermedia Blake. 3089
" sescenticeps Blake. 2461, 3266
Aster moranensis HBK. 8804
Barroetia sessilifolia Greenm. 6873
Bidens pilosa var. radiata Sch.Bip. 7545
" sp. Too fragmentary 474
" sp. " " 113
Calea scabra (Lag.) Rob. 1503, 1827, 7958, 8133, 8190
" urticifolia (Mill.) DC. 188
Carminatia tenuiflora DC. 6870
Coreopsis petrophiloides Rob. & Greenm. 8796
Cosmos crithmifolius HBK. 8686
Cotula minuta (L. f.) Schinz 8002
Dahlia crocea Cav. 7999
Desmanthodium fruticosum Greenm. 2015
Elephantopus mollis HBK. 7182
Erechtites hieraciifolia (L.) Raf. 7603
Erigeron Karwinskianus DC. 226, 7687
Eupatorium areolare DC. 8685
" Arsenei Rob. 129
" bellidifolium Benth. 8688
" monanthum Sch.Bip. 3185
Gnaphalium oxyphyllum DC.? 372
" salicifolium (Bertol.) Sch. Bip. 8825
Heliopsis procumbens Hemsl. 7970
Iostephane heterophylla (Cav.)Benth. 7992
Jaegeria hirta (Lag.) Less. 128
Lagascea helianthifolia HBK. 224
" " var. suaveolens (HBK.)Rob. 8833
Melanthera oxylepis DC. 7050
Pinaropappus roseus Less. 385
Piqueria trinervia Cav. 135, 136
Rumfordia floribunda DC. 7612
Salmea scandens (L.) DC. 7572
Sclerocarpus multifidus Greenm. 8150
Senecio cinerarioides HBK. 8822
Senecio praecox DC. 3206
Senecio salignus DC. 7614
Sonchus oleraceus L. 7567
Stevia elongata HBK. 112, 131
" serrata var.linoides (Sch.Bip.)Rob. 7932
Synedrella nodiflora (L.) Gaertn. 7558, 7581
Tridax brachylepsis Hemsl. 8687
Verbesina tetraptera (Ort.) Gray. 8130
Vernonia sp.Not in condition for identification 7565
Viguiera dentata (Cav.) Spreng. 121
Xanthium saccharatum Wallr. 5501
Zinnia angustifolia HBK. 7959
" multiflora L. 8168
" elegans L. 8143
Mikania cordifolia (L. f.) Willd. 7599

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Compositae collected by George B. Hinton (Lot 5a in part)

(Accession No. 156922)

Identified by S. F. Blake, May 1942.

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-2536.	Verbesina Greenmanii Urban	
5639.	Tridax procumbens L.	
-6615.	Bidens refracta Brandeg.	
-7480.	Senecio Aschenbornianus Schauer	
-7482.	Senecio toluccanus DC.	
-7496.	Lagascea helianthifolia H.B.K.	
-7738.	Tithonia rotundifolia (Mill.) Blake	
-7739.	Viguiera dentata (Cav.) Spreng.	
-8175.	Zinnia elegans Jacq.	
-8182.	Zinnia angustifolia H.B.K.	
-8309.	Iostephane heterophylla (Cav.) Benth.	
-8310.	Bidens aurea (Ait.) Sherff	
-8332.	Dahlia variabilis Desf.	
8337.	Senecio reticulatas DC.	should have
8344.	Feaella plantaginea (H.B.K.) Blake	should have
-8369.	Eupatoriastrum triangulare (DC.)Rob.	
-8371.	Tithonia tubaeformis (Jacq.) Cass.	
-8382.	Ageratum corymbosum Zucc.	
-8383.	Senecio roldana DC.	
-8384.	Viguiera Hemsleyana Blake	
-8385.	Senecio lineolatus DC.	
-8396.	Sigesbeckia jorullensis H.B.K.	
-8412.	Eupatorium deltoideum Jacq.	
-8432.	Verbesina stenophylla Greenm.	
-8435.	Cosmos parviflorus (Jacq.) H.B.K.	
-8436.	Bidens aurea (Ait.) Sherff	
-8448.	Zinnia angustifolia H.B.K.	
-8481.	Tithonia rotundifolia (Mill.) Blake	
-8484.	" diversifolia (Hemsl.) Gray	
-8486.	Zexmenia crocea Gray	
-8536.	Zinnia elegans Jacq.	
-8539.	Zinnia angustifolia H.B.K.	
8543.	Eupatoriastrum triangulare (DC.) Rob.	should have
-8551.	Bidens refracta Brandeg.	
8596.	Verbesina sphaerocephala Gray	should have
-8578.	Simsia lagascaeformis DC.	
-8581.	Tithonia tubaeformis (Jacq.) Cass.	
-8582.	Simsia foetida (Cav.) Blake	
-8593.	Zexmenia ceanothifolia (Willd.) Sch.Bip.	
-8604.	Dyssodia Seleri Rob. & Greenm. ex char.	
-8626.	Senecio roldana DC.	
--8641.	Stevia viscida H.B.K.	
-8656.	Lagascea heteropappus Hemsl.	
-8672.	Brickella scoparia (DC.) Gray	
-8731.	Dyssodia Seleri Rob. & Greenm. ex char.	
8785.	" " " " " "	
-8908.	Eupatorium Mairetianum DC.	
-8954.	" oresbium Rob.	
-8958.	Lagascea helianthifolia Cav. (form).	
-8971.	Senecio Aschenbornianus Schauer	
-8972.	" picridis Schauer	
-8982.	" Aschenbornianus Schauer	

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- 8995. Eupatorium oresbium Rob.
- 9113. Melampodium linearilobum DC.
- 9134. " heterophyllum Lag.
8187. Sclerocarpus multifidus Greenm.
- 9205. Melampodium oblongifolium DC.
- 9206. Tragoceros Schiedeanum Less.
- 9275. Zexmenia helianthoides (DC.) Gray
- 9278. Zinnia multiflora L.
- 9293. Melampodium perfoliatum H.B.K.
- 9333. Verbesina stenophylla Greenm.
- 9377. Zinnia multiflora L.
- 9414. Verbesina stenophylla Greenm.
- 9419. Sclerocarpus multifidus Greenm.
- 9438. Cosmos crithmifolius H.B.K.
- 9439. Dahlia coccinea Cav.
- 9467. Stevia connata Lag.
- 9497. Tragoceros Schiedeanum Less.
- 9509. Milleria quinqueflora L.
- 9529. Cosmos sulphureus Cav.
- 9551. Zinnia multiflora L.
- 9559. Desmanthodium fruticosum Greenm.
- 9577. Zexmenia crocea Gray
- 9606. Cosmos sulphureus Cav.
- 9617. Simsia foetida (Cav.) Blake
- 9625. " " " "
- 9656. Heterosperma pinnatum Cav.
- 9658. Decachaeta Haenkeana DC.
- 9681. Montanoa grandiflora (DC.) Sch. Bip.
- 9716. Tragoceros Schiedeanum Less.
- 9726. Tithonia diversifolia (Hemsl.) Gray
- 9733. Stevia Aschenborniana Sch. Bip.
- 9735. Stevia viscida H.B.K.
- 9745. Piqueria trinervia Cav.
9770. Eupatoriastrum triangulare (DC.) Rob.
9772. Cosmos caudatus H.B.K.
- 9795. Viguiera tenuis Gray
- 9805. Tithonia rotundifolia (Mill.) Blake
- 9821. Eupatorium odoratum L.
- 9822. Zinnia elegans Jacq.
- 9827. Dyssodia Seleri Rob. & Greenm. ex char.
- 9828. Zexmenia crocea Gray
- 9843. Calea urticifolia (Mill.) DC.
- 9855. Coreopsis petrophiloides Rob. & Greenm.
- 9856. Eupatorium areolare DC.
- 9868. Sigesbeckia jorullensis H.B.K.
- 9871. Viguiera buddleiiformis (DC.) B.& H.
- 9874. Tithonia tubaeformis (Jacq.) Cass.
- 9889. Eupatorium areolare DC. (form)
- 9919. " Mairetianum DC.
- 9923. Guardiola tulocarpus Gray
-10019. Eupatorium monanthum Sch. Bip.
-10039. Verbesina crocata (Cav.) Less.
-10069. Fleischmannia arguta (H.B.K.) Rob.
-10145. Stevia trifida Lag.
-10170. Senecio barba-johannis DC.
-10173. " salignus DC.

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- 10288. Fleischmannia arguta (H.B.K.) Rob.
- 10539. Verbesina stenophylla Greenm.
- 10546. Eclipta alba (L.) Hassk.
- 10596. Ageratum corymbosum Zucc. (form).
- 10600. Tragoceros zinnioides H.B.K.
- 10620. Milleria quinqueflora L.
- 10703. Zexmenia crocea Gray
- 10719. Melampodium oblongifolium DC.
- 10742. Zexmenia elegans Sch. Bip.
- 10837. Eupatorium ovalifolium H. & A.
- 10861. Tragoceros zinnioides H.B.K.
- 10913. Decachaeta Haenkeana DC.
- 10962. Montanoa grandiflora (DC.) Sch.Bip.
- 10969. Calyptocarpus vialis Less.
- 11029. Eupatoriastrum triangulare (DC.) Rob.
- 11057. Lagascea helianthifolia H.B.K.
- 11079. Eupatorium areolare DC.
- 11083. Dahlia variabilis Desf.
- 11106. Lagascea angustifolia DC.
- 11125. Eupatorium Mairetianum DC.
- 11134. Rumfordia floribunda DC.
- 11135. Stevia nepetifolia var.leucantha (Sch.Bip.)Rob. ex char.
- 11137. Dahlia variabilis Desf.
- 11140. Eupatorium areolare DC.(form).
- 11171. Eupatorium bellidifolium Benth.
- 11205. Zinnia angustifolia H.B.K.
  11235. Brickellia nutans (H.B.K.) Rob.
- 11237. Stevia trifida Lag.
- 11254. Coreopsis petrophila Gray
- 11268. Eupatorium pycnocephalum Less.
- 11287. " areolare DC.
- 11293. Sigesbeckia jorullensis H.B.K.
- 11301. Viguiera dentata (Cav.) Spreng.
- 11304. Stevia elongata H.B.K. var. caracasana (DC.) Rob.
- 11310. Eupatorium adenospermum Sch. Bip.
- 11313. Calea integrifolia (DC.) Hemsl.
- 11328. Fleischmannia arguta (H.B.K.) Rob.
- 11329. Stevia trifida Lag.
- 11340. Zexmenia helianthoides (DC.) Gray
- 11411. Cosmos caudatus H.B.K.
- 11441. Eupatoriastrum triangulare (DC.) Rob.
- 11469. Tithonia rotundifolia (Mill.) Blake
- 11492. Desmanthodium fruticosum Greenm.
- 11497. Cosmos sulphureus Cav.
- 11506. Zexmenia ceanothifolia (Willd.) Sch. Bip.
- 11547. Tithonia tubaeformis (Jacq.) Crass.
- 11550. Zexmenia crocea Gray.
- 11552. Viguiera Hemsleyana Blake
- 11596. Eupatorium odoratum L.
- 11597. Dyssodia aurantia (L.) Rob.
- 11614. Viguiera tenuis Gray f. alba (Rose) Blake
- 11639. Verbesina Greenmaii Urban
  11685. Viguiera dentata (Cav.)Spreng. toward var. lancifolia Blake
- 11698. Senecio roldana DC.
- 11749. Fleischmannia arguta (H.B.K.) Rob.

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-11753. Mikania micrantha H.B.K.
-11836. Senecio stoechadiformis DC.
-11852. Sigesbeckia jorullensis H.B.K.
-11902. Piqueria trinervia Cav.
-11970. Eclipta alba (L.) Hassk.
-11994. Aster exilis Ell.
-12031. Parthenium hysterophorus L.
-12091. Sclerocarpus divaricatus (Benth.) B. H.
-12130. Zinnia elegans Jacq.
-12493. Stevia viscida H.B.K.
-12498. Zexmenia Ghiesbreghtii Gray
-12512. Eupatorium odoratum L.
-12517. Pseudelephantopus spicatus (Juss.) Rohrb.
-12521. Bidens pilosa var. radiata Sch. Bip.
-12522. Dyssodia porophylla Cav.
-12567. Carminatia tenuifolia DC.
-12571. Stevia alatipes Rob.
-12586. Lagascea Palmeri Rob.
-12626. Eupatorium odoratum L.
-12632. Cosmos caudatus H.B.K.
-12633. Zinnia peruviana L.
-12647. Viguiera tenuis Grav. f. alba (Rose) Blake
-12684. Montanoa pyramidata Sch. Bip.
-12765. Viguiera dentata (Cav,) Epreng.
-12766. Rumfordia floribunda DC.
-12774. Senecio lineolatus DC.
-12816. Stevia Liebmanii var. chiapensis Rob. ex char.
-12830. Lagascea mollis Cav.
-13002. Guardiola mexicana H.& B.
-13065. Tragoceros zinnioides H.B.K.
-13087. Zinnia elegans Jacq.
-13116. " " "
-13144. Sclerocarpus frutescens Brandeg.
-13206. Lagascea decipiens Hemsl.
-13214. Melampodium linearilobum DC.
-13232. Sigesbeckia jorullensis H.B.K.
-13239. Cosmos diversifolius Otto.
-13242. Stevia viscida H.B.K.
-13288. Zexmenia helianthoides (DC.) Gray.
-13289. Simsia foetida (Cav.) Blake.
-13320. " sanguinea Gray
-13330. Tithonia rotundifolia (Mill.) Blake
-13364. Ageratum corymbosum Zucc.
-13380. Stevia Aschenborniana Sch. Bip.
-13390. Montanoa grandiflora (DC.) Sch. Bip.
-13406. Sanvitalia procumbens Lam.
-13419. Stevia hirsuta DC.
-13461. Lagascea heteropappus Hemsl.
-13487. Simsia sanguinea var, Palmeri (S.Wats.) Blake.
-13507. Verbesina Greenmanii Urban
-13555. Eupatorium bellidifolium Benth.
-14021. Baccharis trinervia var. rhexioides (H.B.K.) Baker
-14042. Eupatorium leucocephalum Benth.

Mexivan Compositae collected by George B. Hinton
Lot 5b (acc.no. 156922)

Identified by S. F. Blake, U. S. National Museum, June, 1942.

— 3954 Vernonia Alamanii DC.
— 3027 Probably Fleischmannia arguta (H.B.K.) Rob.Material poor.
— 3311 Fleischmannia arguta (H.B.K.) Rob.
— 3433 Calea integrifolia (DC.) Hemsl.
— 4423 Galeana pratensis (H.B.K.) Rudb.
— 4815 Pectis cf. capillaris DC.
— 4820 Eupatoriastrum sp.? Too young.
— 5026 Xanthium australe Millsp. & Sherff

Mexica Compositae collected by George B.Hinton

Lot 8b (acc. no. 158635)

Identified by S. F. Blake, U.S. National Museum, June, 1942.

15548 Tagetes lucida Cav.
15565 Tagetes foetidissima DC.
15567 Stevia rhombifolia f. glandulifera (Schl.) Rob.
15570 Eupatorium pazcuarense H.B.K.
15574 Ageratum corymbosum Zucc.
15575 Viguiera buddleiaeformis (DC. O B.& H.
15578 Tagetes remotiflora Kunze
Tithonia tubaeformis (Ort.) Cass.
15586 Stevia alatipes Rob.
15587 Melampodium Kunthianum DC.
15589 Zinnia Greggii Rob. & Greenm.
15595 Senecio reticulatus DC.
15614 Eupatorium areolare DC.
15616 Verbesina Greenmanii Urban
15624 Cacalia brachycome Blake
15636 Cosmos sulphureus Cav.
15664 Galea scabra (Lag.) Rob.
15689 Lagascea helianthifolia Cav.
15694 Sigesbeckia jorullensis H.B.K.
15695 Brickellia secundiflora var. nepetifolia (H.B.K.) Rob.
15707 Eupatorium longipes Gray
15708 Senecio angulifolius DC.
15731 Senecio barba-johannis DC.

Aguililla
Mich.

April 21 1941

Dr LyDr Lyman B. Smith
The Gray Herbarium
Cambridge Mass.

Dear Dr Smith:-

I wi l be very much obliged if you willbe so kind as to send me some more determinations. There are some orders on hand I have not sufficient material to fill

I take the occasion to enclose my lists Nos 67, 68,70,76,79,82,83,84,85,86,87,88,90 & 91.,with a total of 522 determinations receive from other institutions.

Yours Very Truly,

Geo. B. Hinton.

Geo. B. Hinton.

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12968
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13585
13789
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14146
14151

14391
14538
14825
15606
15678
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15706
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7612
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15600
15674
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15451
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15371
13160
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12329
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15703
15501
15677
15545
12593

15527
15485
13707
13665
12988
12891
12837
11954
13378

HERBARIUM Geo.B.Hinton.

FAGACEAES.

Determined by C.V.Morton.

14363	Quercus	acapulcensis Trel. Previously known from TYPE.
6514	"	aristata H.& A.
14203	"	" "
14405	"	" "
10673	"	candicans Nee
10722	"	" "
11912	"	" "
12341	"	" "
14953	"	" "
13672	"	" "
13696	"	" " ?
5780	"	castanea Nee Synonym:- Q. Rossii Trel.
9225	"	" " " " " "
9226	"	castanea Nee Synonym Q.Rossii Trel.
9316	"	" " " " " "
10736	"	" " " " " "
11890	"	" " " " " "
13344	"	" " " " " "
13345	"	" " " " " "
13437	"	castanea Nee Synonym:-Q.Rossii Trel.
13468	"	" " " " " "
13545	"	" " " " " "
13559	"	" " " " " "
13560	"	" " " " " "
13685	"	" " " " " "
732	"	centralis Trel. (Det. Warburg & Morton.)
5933	"	centralis Trel. (Det. C.V.Morton.)
13703	"	chrysophylla H.& B. Known previously only from TYPE
6238	"	conspersa Benth. (Det. Warburg & Morton.)
6589	"	" " " " "
10374	"	conspersa Benth. (Det. C.V.Morton.)
10729	"	" " " "
10737	"	" " " "
12151	"	" " " "
12152	"	" " " "
12153	"	" " " "
13195	"	" " " "
13378	"	" " " "
13730	"	" " " "
14411	"	" " " "
14421	"	" " " "
14850	"	" " " "
13692	"	" " " "
14520	"	corrugata Hook. Previously known only from Chiapas and Guatemala.
3451	"	crassifolia H.& B. (Cited as Q.candicans by F. Warburg.)
5920	"	crassifolia H. & B. (Warburg and Morton.)
5935	"	" " " " "
15026	"	crassifolia H.& B.
13675	"	" "
13680	"	" "
13682	"	" "
13697	"	" "
13523	"	crassipes H. & B.
13547	"	" "

HERBARIUM GEO B. HINTON.

FAGACEAES.

Determined by C.V.Morton.

15348	Quercus	crassipes H.& B.
13681	"	" " ?
13029	"	dolichopus Warburg
13097	"	" "
9051	"	glaucoides M. & G. Synonym:- Q.baldoquinae Trel.
9198	"	" " " " " "
13099	"	" " " " " "
14393	"	" " " " " "
6810	"	Hintonii Warburg (This species is somewhat doubtful Morton.)
10454	"	magnoliifolia Nee Synonym:- Q.panduriformis Trel.
10515	"	magnoliifolia Nee.
10613	"	magnoliifolia Nee
15229	"	panduriformis Trel. Synonym:- Q.magnoliifolia Nee.
10024	"	magnoliifolia Nee.
13688	"	" "
13724	"	" "
11377	"	obtusata H.& B. "Rare"
11954	"	ocoteifolia Liebm. "Very close to Q.Bourgaei Oerst-Trel."
13028	"	" " " " " " " " "
9297	"	peduncularis Nee
9312	"	" "
9315	"	" "
12245	"	" "
10023	"	" "
10079	"	" "
10084	"	" "
10213	"	" "
13719	"	" "
13747	"	" "
14044	"	" "
9314	"	" "
13479	"	reticulata H.& B. Synonym:- Q.rhodophlebia Trel
13503	"	" " " " " "
14792	"	" " " " " "
13704	"	" " " " " "
11913	"	platyphylla Warburg
11948	"	" "
9901	"	salicifolia Nee
10214	"	salicifolia Nee
10292	"	" "
13748	"	" "
13726	"	scytophylla Liebm ?
305	"	" " "
6556	"	sororia Liebm.

SMITHSONIAN INSTITUTION.
UNITED STATES NATIONAL MUSEUM
Geo. B. Hinton - Mexican Plants. October 1940
Determined by Mr. E. P. Killip.

67

URTICACEAE.

Myriocarpa brachystachys S. Wats. ? 7519
Parietaria floridana Nutt. 8473
Parietaria macrophylla Rob. & Greenm. 8953
Phenax mexicanus Wedd. 14053
Pilea hyalina Fenzl 11790
Pilea hyalina var. Hindii 9630
Pilea filicaulis Killip n. sp. 8240 (type)
Pouzolzia nivea S. Wats. sens. lat. 9125
Pouzolzia Palmeri S. Wats. 10606
Urera caracasana (Jacq.) Griseb. forms 767, 10115, 10235, 10274
Urera Hintonii Killip n, sp. 9238 (type)
Myriocarpa brachystachys S. Wats. 4329
Pouzolzia glabrifolia Killip n. sp. 1492 (type), 4212
Urera caracasana (Jacq.) Griseb. ? 3737
Pilea microphylla var. longifolia Wedd. 8122
Pouzolzia nivea S. Wats. 6266

PASSIFLORACEAE

Passiflora biflora Lam. 7405
Passiflora bryonioides H.B.K. 9095
Passiflora colimensis Mast. & Rose 9141, 10925, 13094
Passiflora exsudans Zucc. 8224
Passiflora filipes Benth. 11218
Passiflora foetida var. gossypiifolia (Desv.)Mast. 13049,
Passiflora jorullensis H.B.K. 7834
Passiflora mexicana Juss. 11007
Passiflora prophyretica var. angustata Killip 11563
Passiflora suberosa L. 6533, 8607, 13492
Passiflora subpeltata Ort. 7638, 7913, 8233, 13051
Passiflora viridiflora Cav. 10999
Passiflora colimensis Mast. & Rose 1210
Passiflora jorullensis H.B.K. 7088
Passiflora colimensis Mast. & Rose 8013, 8018, 8043
Passiflora exsudans Zucc. 8000
Passiflora foetida var. gossypiifolia (Desv.) Mast. 6879, 8045, 8076
Passiflora jorullensis H.B.K. 6558, 6809, 7009
Passiflora Pavonis Mast. 7974
Passiflora pilosa R. & P. 8069 A rare species.
Passiflora subpeltata Ort. 470

AMARYLLIDACEAE

Bomarea hirtella (H.B.K.) Herb. 8111

55

Hinton Plants

234 Castilleja arvensis Cham. & Schlechtd.
332 Phoebe sp. ? det C. K. Allen
338 Photinia mexicana (Baill.) Hemsl.
350 Acalypha mollis HBK. det L. C. Wheeler
378 Phoebe Ehrenbergii Mez det C. K. Allen
477 Photinia mexicana (Baill.) Hemsl.
1319 Valeriana procera HBK.
1368 " affinis Mart. & Gal.
1417 " pratensis Benth. & Hook.
1484 Diodia teres Walt. ?
1568 Valeriana sorbifolia HBK. ?
2224 Diodia teres Walt.
2233 " rigida (HBK.) Cham. & Schlechtd.
2781 Diastatea tenera (Gray) McV.
3032 Phoebe Ehrenbergii Mez det. C. K. Allen
3033 Helianthemum glomeratum Lag.
3117 Photinia mexicana (Baill.) Hemsl.
3167 Persea Schiedeana Nees det. C. K. Allen
3188 Litsea glaucescens var. subsolitaria (Meissn.) Hemsl. det. C.K.Allen
3257 " " " " " " "
3527 Photinia mexicana (Baill.) Hemsl.
3533 Persea Hintonii Allen type-no.
3573 Phoebe sp. det. C. K. Allen
3599 Phoebe sp. ? " " "
3816 Nectandra salicifolia (HBK.) Nees det. C. K. Allen
3895 Phoebe Ehrenbergii Mez det. C. K. Allen
3940 Litsea glaucescens var. subsolitaria (Meissn.) Hemsl. det. Allen
3980 Persea Hintonii Allen det. C. K. Allen
4021 Photinia mexicana (Baill.) Hemsl. ?
4024 Persea Hintonii Allen det. C. K. Allen
4247 Viburnum guatemalense Gandog. ?
4420 Valeriana pratensis Benth. & Hook.
4712 " cucurbitifolia Standl.
4988 Callitriche deflexa var. Austinii (Engelm.) Hegelm.
5688 Hemiangium excelsum (HBK.) A. C. Smith det. A. C. Smith
5689 Melochia nodiflora Swartz ?
5771 Phoebe Ehrenbergii Mez det. C. K. Allen
5772 Borreria ocimoides (Burm.) DC.
5858 Ludwigia palustris var. nana Fern. & Grisc. det. P. A. Munz
6052 Richardia brasiliensis (Moq.) Gom.
6142 Rosa multiflora Thunb.
6286 Phoebe Ehrenbergii Mez det. C. K. Allen
6344 Valeriana pratensis Benth. & Hook. ?
6352 Lobelia sp.
6526 Mitracarpus Schizangium DC.
6970 Hyperbaena ilicifolia Standl.
7024 Alchemilla aphanoides var. subalpestris (Rose) L. M. Perry
7064 " " " " "
7137 Diastatea tenera (Gray) McV.
7191 Hoffmannia cuneatissima Robinson f. ?
7201 Deppea sp. (flowers lacking)
7204 Rosa multiflora Thunb.
7233 Litsea glaucescens var. subsolitaria (Meissn.) Hemsl. det. Allen
7286 Jussiaea erecta L. det. P. A. Munz
7457 Hypericum gnidioides Seem.
7465 Rosa multiflora Thunb.
7615 Symplocos prionophylla Hemsl.
7642 Casearia platyphylla Briq. ex char.
7758 Casearia corymbosa HBK.
7946 Valeriana procera HBK.

7960 Valeriana pratensis Benth. & Hook.
8110 Aristolochia sp.
8210 Lobelia sp.
8249 Lobelia picta Robins. & Seat.
8256 Lobelia Cardinalis L.
8323 Lobelia gruina Cav.
8335 Alchemilla Pringlei Fedde
8374 Diastatea virgata var. ciliata McV.
8376 Valeriana tolucana DC.
8408 Diastatea micrantha (HBK.) McV.
8409 Fuchsia Pringlei Robins. & Seat. det. P. A. Munz
8446 Mitracarpus Schizangium DC.
8449 Diodia teres Walt.
8488 Diastatea tenera (Gray) McV.
8625 " expansa McV.
8655 " micrantha (HBK.) McV.
8661 " tenera (Gray) McV.
8770 Lobelia Hartwegii A. DC.
8914 Hypericum formosanum HBK., var.
8920 Callitriche heterophylla Pursh
8981 Valeriana sorbifolia HBK. ?
8990 Helianthemum glomeratum Lag.
9218 Ranunculus petiolaris HBK.
9220c Fuchsia tetradactyla Lindl. ? det. P. A. Munz
9277 Polygala rivinaefolia HBK.
9308 Valeriana Palmeri Gray
9381 Polygala rivinaefolia HBK.
9417 Diodia rigida (HBK.) Cham. & Schlechtd.
9604 Valeriana tolucana DC.
9680 Lobelia Cardinalis subsp. graminea var. pseudosplendens McV.
9683 Jussiaea suffruticosa var. octofila (DC.) Munz det. Munz
9736 Geranium unguiculatum H. E. Moore, Jr.
9757 Hypericum denticulatum HBK.
9764 Rondeletia Langlassei Standl.
9803 Jussiaea linifolia Vahl det. Munz
9832 Jussiaea suffruticosa var. ligustrifolia (HBK.) Griseb. det. Munz
9835 " repens var. peploides (HBK.) Griseb. det. Munz
9852 Diastatea expansa McV.
10029 Jussiaea suffruticosa var. octofila (DC.) Munz det. Munz
10047 Casearia corymbosa HBK.
10059 " " "
10063 " " "
10099 Daphnopsis salicifolia (HBK.) Meissn.
10140 Clusia Salvinii Donn. Sm. ?
10171 Lobelia laxiflora HBK.
10194 Licaria Cervantesii (HBK.) Kosterm. det. C. K. Allen
10197 Casearia obovata Schlechtd.
10203 Xylosma ellipticum (Clos) Hemsl.
10204 Casearia ~~dichophylla~~ Standl. ? dolichophylla
10246 Daphnopsis Bonplandiana (Kunth) Standl.
10251 Xylosma velutinum (Tul.) Triana & Karst.
10254 Licaria sp. det. C. K. Allen
10268 Daphnopsis salicifolia (HBK.) Meissn.
10273 Licaria Cervantesii (HBK.) Kosterm. det. C. K. Allen
10290 " " " " " "
10291 " " " " " "
10402 Ardisia compressa HBK. ?
10410 Bernardia aspera Pax & Hoffm.
10438 Casearia corymbosa HBK. ?
10448 Valeriana sp.

10501 Valeriana podocephala HBK. ?
10565 Jussiaea suffruticosa var. octofila (DC.) Munz det. Munz
10589 Nectandra tabascensis Lundell det. C. K.Allen
10603 Jussiaea bonariensis Micheli det. Munz
10908 Melochia nodiflora Swartz
10946 Valeriana sorbifolia HBK.
10964 Samyda mexicana Rose
11033 Lobelia laxiflora HBK.
11056 Triumfetta coriacea Hochr.
11081 Lobelia aguana E. Wimmer ?
11108 " Dielsiana E. Wimmer
11127 " aguana E. Wimmer ?
11162 Diastatea tenera (Gray) McV.
11186 Gonzalagunia panamensis (Cav.) K. Schum.
11193 Triumfetta coriacea Hochr.
11277 Centropogon grandidentatus (Schlechtd.) Zahlbr.
11256 Diastatea expansa McV.
11311 Lobelia laxiflora HBK.
11355 Casearia sylvestris Swartz
11356 Vismia mexicana Schlechtd.
11473 Nectandra tabascensis Lundell det. C. K. Allen
11518 Polygala brachysepala Blake
11557 Melochia urticaefolia (Turcz.) Standl.
11584 Jussiaea suffruticosa L., var. det. Munz
11640 Zornia diphylla (L.) Pers.
11661 Jussiaea linifolia Vahl det. Munz
11710 Lobelia laxiflora HBK.
11815 Lobelia laxiflora HBK.
11823 Jussiaea repens var. peploides (HBK.) Griseb. det. Munz
11865 Ranunculus sibbaldioides HBK.
11905 Lobelia sp.
12004 Hintonia Standleyana Bullock
12009 Bdallophyton Andrieuxii Eichl. male plant
12012 " " " female plant
12108 Lennoa caerulea (HBK.) Fourn.
12160 Ranunculus petiolaris HBK. ?
12263 Fuchsia michoacanensis Sessé & Moc. ? det. Munz
12343 Triumfetta Hintonii Sprague
12365 Litsea glaucescens var. subsolitaria (Meissn.) Hemsl. det. Allen
12374 Alchemilla aphanoides var. subalpestris (Rose) L. M. Perry
12418 Fuchsia michoacanensis Sessé & Moc. det. Munz
12525 Malachra radiata L.
12589 Jussiaea suffruticosa var. ligustrifolia (HBK.) Griseb. det. Munz
12717 Pavonia Palmeri (Bak. f.) Schery
12744 Lobelia laxiflora var. stricta (Planch.& Oerst.) McV.
12800 Litsea glaucescens var. subsolitaria (Meissn.) Hemsl. det. Allen
12987 Persea Schiedeana Nees det. Allen
13014 Hypericum formosanum HBK., var.
13016 Potentilla ranunculoides HBK.
13021 Ranunculus macranthus var. Arsenei L. Benson
13046 Martynia annua L.
13143 Jussiaea bonariensis Micheli det. Munz
13170 Lobelia sp.
13208 Lobelia Cardinalis subsp. graminea (Lam.) McV.
13319 Waltheria Pringlei Rose
13363 Alchemilla procumbens Rose
13373 Mentzelia hispida Willd.
13393 Diastatea expansa McV.
13413 Hypericum submontanum Rose ?
13530 Aristolochia aff. pardina Duchar.

13537 Lobelia laxiflora HBK.
13548 Helianthemum glomeratum Lag.
13667 Nectandra perdubia Lundell det. C. K. Allen
13668 " " " " "
13737 Cryptocarya Hintonii Allen type-no.
13827 Marsdenia mexicana Decne.
13841 Pinguicula caudata Schlechtd.
13856 Nectandra perdubia Lundell det. C. K. Allen
13918 " " " " "
13993 Viola reptans Robinson
13999 Hypericum fastigiatum HBK.
14011 Hintonia Standleyana Bullock
14014 Phoebe helicterifolia (Meissn.) Mez det. C. K. Allen
14027 Persea Hintonii Allen det. C. K. Allen
14195 Persea Hintonii Allen " "
14220 Centropogon grandidentatus (Schlechtd.) Zahlbr.
14265 Heuchera Hemsleyana Rosend. Butt. & Lak.
14333 Casearia dolichophylla Standl. ?
14334 Jacquinia aurantiaca Ait.
14443 Valeriana mexicana DC. ?
14444 Alchemilla sibbaldiaefolia HBK.
14456 Hypericum formosanum HBK., var.
14481 Lobelia pulchella Vatke
14539 Jussiaea suffruticosa var. octofila (DC.) Munz det. Munz
14540 Jussiaea erecta L. det. Munz
14569 Aristolochia sp.
14574 Jussiaea repens var. peploides (HBK.) Griseb. det. Munz
14714 Casearia arguta HBK.
14767 Cuphea cyanea DC.
14770 Lobelia Hartwegii A. DC.
14778 Fuchsia tacanensis Lundell det. Munz
14860 Diastatea tenera (Gray) McV.
14903 Cuphea cyanea DC.
14906 " " "
15025 Lobelia laxiflora var. stricta (Planch. & Oerst.) McV.
15097 Nama jamaicense L.
15144 Triumfetta columnarioides Bullock
15418 Litsea glaucescens var. subsolitaria (Meissn.) Hemsl. det. Allen
15423 Sphaeralcea rosea (DC.) Standl.
15720 " " " "
15732 Abutilon acerifolium (Lag.) G. Don
15746 Litsea glaucescens var. subsolitaria (Meissn.) Hemsl. det. Allen

Hinton Plants determined at the

Gray Herbarium, July, 1947

Entered on ledger 5-21-69 K.R.

307. Mimulus glabratus HBK.
500. Orthrosanthus chimboracensis var. exsertus R.C.Foster
1055. Desmodium orbiculare Schlechtd. var. rubricaule (Rose & Painter) Schubert, ined. det. B.G.Schubert
1401. Change to Sphenostigma mexicanum R.C.Foster
1453. " " " " " "
1463. Gomphrena Pringlei Coult. & Fish. ?
2809. Centaurium speciosum (Benth.) Druce ?
2822. Desmodium Sumichrastii (Schindl.) Standl. det. B.G.Schubert
3327. Croton calvescens S. Wats. ? det. L.C. Wheeler
3503. Orthrosanthus chimboracensis var. exsertus R.C.Foster
4611. Change to Sphenostigma longispathum var. filiforme R.C.Foster type-no.
~~5388. Desmodium Sumichrastii (Schindl.) Standl.~~ det. B.G.Schubert
6303. Gomphrena Pringlei Coult. & Fish. ?
6554. Mirabilis Jalapa L.
6777. Triumfetta apetala Hochr.
7247. Pisonia capitata (Wats.) Standl.
8010. Change to Sphenostigma mexicanum R.C.Foster type-no.
8253. Centella renifolia (Lag.) Urb.
8355. Mimulus glabratus HBK.
8575. Desmodium intortum (Mill.) Urb. var. apiculatum Schubert. det. BGS.
8690. " Sumichrastii (Schindl.) Standl. det. B.G.Schubert
8734. " " " " " " "
8827. Change to Nama prostratum Brand det. L. Constance
8835. Orthrosanthus chimboracensis var. exsertus R.C.Foster
8871. Desmodium Sumichrastii (Schindl.) Standl. det. R/C BGS.
8979. Croton stylosus det. L. Croizat
9163. Change to Cypella ~~Rusbyi~~ mexicana Morton & Foster, ined.
9251. Mirabilis Jalapa L. ?
9258. Desmodium orbiculare Schlechtd. det. B.G.Schubert
9390. Desmodium strobilaceum Schlechtd. det. B. G. Schubert
9441. Eryngium gracile Delar. f.
9564. Delphinium bicornutum Hemsl.
9568. Desmodium strobilaceum Schlechtd. det. B.G.Schubert
9605. Aralia humilis Cav.
9663. Clematis dioica L.
9893. Hydrocotyle mexicana Cham. & Schlechtd.
10297. Mirabilis sanguinea Heimerl
10323. Okenia hypogaea Schlechtd. & Cham.
10331. Pedilanthus Pringlei Robinson det. L. Croizat
10345. Manihot colimensis Croiz. " "
10346. Okenia hypogaea Schlechtd. & Cham.
10376. Manihot colimensis Croiz. det. L. Croizat
10452. Mirabilis sanguinea Heimerl
10480. Castilleja lithospermoides HBK.
10502. Centella renifolia (Lag.) Urb.
10911. Triumfetta acracantha Hochr.
10914. Desmodium intortum (Mill.) Urb. var. apiculatum Schubert det. BGS
10921. Change to Russelia Hintoni Lundell type-no.
11014. Clematis dioica L.
11031. Desmodium prehensile Schlechtd. det. B.G.Schubert
11080. Castilleja chiapensis Brandg.
11092. Desmodium Sumichrastii (Schindl.) Standl. det. B.G.Schubert
11098. Clematis dioica L. ?
11251. " " " ?
11295. Aralia humilis Cav.
11298. Ilysanthes anagallidea (Michx.) Robinson

Hinton Plants, 1947--2.

11348. Desmodium orbiculare Schlechtd. var. rubricaule (Rose & Painter) Schubert, ined. det. BG Schubert
11458. Desmodium sericophyllum Schlechtd. " " "
11505. Clematis dioica L.
11511. Desmodium prehensile Schlechtd. det. B.G.Schubert
11524. " intortum (Mill.) Urb. var. apiculatum Schubert det. BGS.
11545. Cleome serrata Jacq.
10574. Croton glandulosus subsp. hirtus (L'Hér.) Croiz. det. Croizat
11622. Pisonia capitata (Wats.) Standl.
10939. Manihot colimensis Croiz. det. Croizat
10973. Pedilanthus Purpusii Brandg. " "
11697. Desmodium Sumichrastii (Schindl.) Standl. " B.G.Schubert
11767. Clematis dioica L. ?
11818. Croton calvescens S. Wats. det. Croizat
11976. Mirabilis sanguinea Heimerl ?
11993. Mimulus glabratus HBK.
12177. Desmodium sericophyllum Schlechtd. det. B.G.Schubert
12425. Mimulus glabratus HBK.
12685. Pedilanthus coalcomanensis Croiz. det. Croizat
12690. Croton pedicellatus HBK. " "
12771. Desmodium Sumichrastii (Schindl.) Standl. " B.G.Schubert
12867. Centaurium quitense (HBK.) Robinson
12913. Abutilon Hemsleyanum Rose
12960. Helianthemum exaltatum (Rose & Standl.) R.C.Foster
13010. Croton adspersus Benth. det. Croizat
13123. Eryngium phyteumae Delar. f.
13171. Linum hypericifolium Presl
13230. Triumfetta Mexiae Morton, ined.
13257. Delphinium bicornutum Hemsl.
13264. Spananthe paniculata Jacq.
13280. Holodiscus argenteus var. velutinus (Rydb.) Ley
13286. Desmodium strobilaceum Schlechtd. det. B.G.Schubert
13328. Bdallophyton sp. male plant.
13353. Clematis dioica L.
13367. " " "
13394. Neogoezia planipetala Hemsl.
13477. Castilleja glandulosa Greenm. ?
13518. Delphinium bicornutum Hemsl.
13524. Eryngium Bonplandii Delar. f.
13575. Rumex crispus L.
13663. Anoda cf. cristata (L.) Schlechtd.
13702. Orthrosanthus chimboracensis var. exsertus R.C.Foster
13791. Nectandra cf. longecaudata (Lundell) Allen det. C.K.Allen
13835. " " " " " " "
13845. Russelia leptopoda Lundell type-no.
13957. Change to Sphenostigma Hintonii R.C.Foster
13996. " " " " " " type-no.
14320. Mirabilis sanguinea Heimerl ?
14587. Ilysanthes anagallöidea (Michx.) Robinson
14619. Clematis dioica L.
14638. Triumfetta apetala Hochr.
14796. Linum hypericifolium Presl (mixed with another species?)
14982. Clematis grossa Benth.
15097. Change to Nama prostratum Brand det. L. Constance
15106. Orthrosanthus chimboracensis var. exsertus R.C.Foster
15841. Russelia tenuis Lundell type-no.
16127A. Change to Russelia teres Lundell type-no.
16130. Desmodium intortum var. apiculatum Schubert det. B.G.Schubert
16131. " " " " " " " "

HERBARIUM GEO.B. HINTON.

UMBELLIFERAE

Determined by Mildred E. Mathias & Lincoln Constance.

✓ 1568. Valeriana sp.--not a member of the Umbelliferae!

✓ 1662. Rhodosciadium diffusum (C.& R.) Mathias & Constance

✓ 4108. Prionosciadium thapsoides (DC.)Mathias & Constance

× 4146. Prionosciadium sp.??--no fruit and flowers apparently all sterile!

× 5612. Eryngium Ghiesbreghtii Dcne.

✓ 7939. Arracacia longipedunculata C.& R.

× 7967. Donnellsmithia biennis (C.& R.)Mathias & Constance

✓ 8099. Rhodosciadium diffusum (C.& R.) Mathias & Constance

✓ 8138. " " " " " "

✓ 8904. Arracacia atropurpurea (Lehm.) Benth. & Hook.

✓ 10165. " " " " " "

✓ 14267. Ottoa oenanthoides H.B.K.

✓ 14324. Donnellsmithia serrata (C.& R.) Mathias & Constance

✓ 14382. Prionosciadium Nelsoni C.& R.

✓ 14384. Micropleura renifolia Lag.

✓ 14410. Arracacia atropurpurea (Lehm.) Benth. & Hook.

✓ 14762. Eryngium gracile Delar.

✓ 14883 Eryngium longifolium Cav.

✓ 15380. Eryngium Bonplandi Delar.

✓ 15381. Eryngium gracile Delar.

× 15600. Donnellsmithia mexicana (Robins.)Mathias & Constance

× 15674. Eryngium Beecheyanum Hook.& Arn.

× 15688. Eryngium longifolium Cav.

plants not sent to Gray Herb

POLEMONIACEAE- × 15704. Loeselia mexicana (Lam.) Brand.--Det.by F.L.Mason, 1941

17

HERBARIUM GEO B. HINTON.
UMBELLIFERAES
Determined by Mathias & Constance.

UMBELLIFERAE

✓ 12188 Eryngium gracile Delar

—✓ 12373 Daucus montana Humb. & Bonpl.

X 15520 Daucus montana Humb. & Bonpl. not sent

—✓ 12340 Neogoezia planipetala Hemsl.

—✓ 12360 ~~13260~~ Coulterophytum laxum Robins.

---

(4)

[illegible] of Geo. B., Hinton
L A B I A T A E.
Determined by Carl Epling

36.

Hinton	14712	Hyptis mutabilis (Rich.) Briq. already received
	10800	" lantanaefolia Poit.
	12140	" rhomboidea M.& G.
	12641	" mutabilis (Rich.) Briq.
	14798	Salvia sapinea sp.nov. Type.
	14758	" " "
	14897	" Leninae sp.nov. Type.
	15451	" microphylla Kunth
	15444	Monarda austromontana Epl.
	15443	Salvia clinopodioides Kunth
	15442	" lavanduloides Kunth
	15437	" mexicana L. var.minor Benth.
	15371	" gravida Epl.
	13160	" Sessei Benth.
	13453	" elegans Vahl
aa	10838	" lavanduloides Kunth
	12329	" chalarothyrsa Fern.
	12171	" "
aa.	13570	" generaeflora L. & P.

(2)

7 had already been sent or [illegible]

HERBARIUM GOE. B. HINTON.
LABIATAE.
Determined by. Carl Epling.

26

11266 Hyptis pseudolantana sp.nov. type
15726 Salvia Mocinoi Benth.
15703 " iodantha Fern.
15501 Stachys boraginoides C.& S.
15677 Salvia gravida Epl.
15545 Salvia hispanica L.
12598 Salvia languidula Epl.
15527 " plurispicata Epl.
15485 " longispicata M. & G.
15399 Lepechinia Nelsonii (Fern.) Epl.
14961 " " " "
15140 Hyptis macrocephala M.&G.
14924 " oblongifolia Benth.
14655 " spicigera Lam.
14624 " lantanaefolia Poit.
14608 " suaveolens (L) Poit.
13707 Calamintha macrostema Benth.
13665 Hyptia rhomboidea M.& G.
12988 Hyptis albida Kunth
12891 Hyptia oblongifolia Benth.
12837 Salvia (?) riparia Kunth
1597 Hyptis involucrata Benth.
14162 Salvia Langlassii Fern
14866 Cunila polyantha Benth.
14994 Cunila polyantha Benth.
14940 Salvia tricuspis Epl.

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(13)

Sociedad Cooperativa de Producción de Minerales

"MINERAL DEL RINCON SECCION 45" S. C. L.

NUM. DE REGISTRO DE LA SECRETARIA DE LA ECONOMIA NACIONAL; 830-P.

FECHA DE CONSTITUCION;
5 DE DICIEMBRE DE 1939.

MINA EL RINCON
VIA TOLUCA MEX.

DETERMINATIONS BY CARL . C. EPLING

10

3878	Mentha rotundifolia L.
4098	" "
3084	Cunila pycnantha R.& G.
15772	Leonotis nepetaefolia R. Br.
12290	Hyptis suaveolens (L.) Poit.
15744	Salvia dasycalyx Fern
15769	" "
15904	" misella Kunth
15887	Hyptis albida Kunth
15755	Calamintha macrostemma Eth.

Entered
5-21-69
K.R.

Sociedad Cooperativa de Producción de Minerales

"MINERAL DEL RINCON SECCION 45" S. C. L.

NUM. DE REGISTRO DE LA SECRETARIA DE LA ECONOMIA NACIONAL; 830-P.

FECHA DE CONSTITUCION:
5 DE DICIEMBRE DE 1939.

MINA EL RINCON
VIA TOLUCA MEX.

LABIATAE Determined by CARL EPLING.

L_"%%

°	16255	Stachys coccinea Jacq.
°	16081	Salvia lavanduloides Kunth
°	16080	Hyptis septentrionalis Epl. ?
°	16079	Salvia iodantha Fern
°	16156	Hyptis subtilis Epl. (H.perpulchra Epl.)
°	16066	Salvia iodantha Fern
°	16064	Salvia gesneraeflora Lindl.& ~~Mark~~ Paxt.
°	16078	Salvia polystachya Kunth
°	16077	Salvia purpurea Cav.
°	16068	Salvia tiliaefolia Vahl.
°	16067	Salvia iodantha Fern
°	16058	Stachys coccinea Jacq.
°	16075	Salvia Teresae Fern
	1117	Salvia Teresae Fern.
°	16073	Salvia Xalapensis Benth.
°	16072	Salvia patens Cav.
°	15599	Salvia capilosa Epl. ?
°	16036	Salvia languidula Epl.
°	16069	Salvia oreopola Fern ?

Herbarium of Geo. B. Hinton

Identified at the U.S. National Museum, October 1943.

o 1719 Salix Hartwegii Benth det. C. R. Ball
o 3807 Juglans glabrata Manning. det Manning
o 3973 Juglans glabrata Manning n. sp. type
— 8212 Selaginella binervis Liebm. det. Morton
— 4251 Calamagrostis aff. eriantha det Chase
— 5154 Thunbergia alata Bojer det. Leonard
— Microchloa Kunthii Desv. det Chase 4476
— 5669 Elytraria imbricata (Vahl) Pers. det. Leonard
— 5685 Ruellia inundata H.B.K. det. Leonard
— 8858 Selaginella Schaffneri Hieron. det. Morton
o 12884 Tridax accedens Blake n. sp. Type
— 12850 Tridax accedens Blake det Blake
o 13654 Perezia simulata Blake n. sp. Type
o 13793 Jatropha cfr. cordifolia Pax det. Croizat
o 15691 Oreopanax echinops (Cham. & Schl.) Decne. & Planch. form det. A.C. Smith
o 15718 Lobelia cardinalis var. graminea McVaugh det. McVaugh
o 15765 Pedilanthus coalcomanensis Croizat n. sp. Type
o 15793 Pedilanthus Palmeri Millsp. det. Croizat
o 15838 Perezia scapsa Blake n. sp. Type
o 15853 Phyllanthus coalcomanensis Croizat n. sp. Type
o 15859 " " "
o 15892 Pedilanthus Purpusii Brandeg. det. Croizat
o 15899 Croton xalapensis H.B.K. det. Croizat
o 15934 Parietaria pennsylvanica Muhl. sens. lat. det. Killip
o 15935 Phanerophlebia pumila (Mart. & Gal.) Fée det. Maxon
o 15936 Dahlia coccinea Cav. det. Blake
o 15939 Passiflora foetida var. Maxonii Killip det. Killip
o 15947 Peperomia sp. Not matched in U.S.N.H.
o Dahlia coccinea Cav. det. Blake 15954
o 15955 Peperomia sp. Not matched in U.S.N.H.
o 15956 Adiantum amplum Presl ? det. Maxon & Morton
o 15969 Polypodium phyllitidis L. det. Maxon.

o = not rec'd by [illegible]

[illegible] missing

pay James Hinton
for 8 nos. at 15¢ each $1.20 - Voucher appr. for Bursar
Jan. 28, 44

HERBARIUM BY
GEO B. HINTON
))))))))))))

Identified by E.P.Killip.

URTICACEAES

Phenax hirtus (SW.) Wedd. form. 5239 not in G.H.

Pouzolzia occidentalis Wedd. 15432 — Not sent to Gray Hr.

Identified by. E.C. Leonard.

ACANTHACEAE.

Jacobinia sp. ? Not identifiable

Tetramerium Hillii Happ n.sp. TYPE 5724

Tetramerium Hintonii Happ. 3589 Cited in the original descripcion.

Cutaneous 5.21.69 K.C.

HERBARIUM OF GEO B. HINTON.
PIPERACEAE.
Determined by Wm. Trelease,

Peperomia.

9145 P. pleacuerasana TYPE.

10652 (10632) P. Langlassei

10783 (10183) P. montesensis TYPE

10765 P. pasionana TYPE

10672 P. pilasana TYPE.

10280 (10282) P. pulicaris

15661 P. tancitaroana TYPE.

7226 P. opaca

7804 (7894) P. Jonesii ined.

15662 P. cretifolia ined.

PIPER.

14017 P. auritum glabrum
13633 P. coalcomanum TYPE.
14050 P. obesispicuam var. Hintoni TYPE.
10576 P. multinervium
10348 (103684) P. multinervium f.
10780 P. populifolium
10506 P. Uhdei

POTHOMORPHE

10568 P. Nanchal TYPE
10777 P. Lessertiana var. pasionis TYPE.

Arctottomia.

10261 (10251) A. Pavoniana
13836 A. Micheliana
4287 A. tejupicoana TYPE
13855 A. aguilana

HERBARIUM GEO B. HINTON.
POLEMONIACEAE.
Determined by Dr. H.L. Mason.

62

20

10078 Loeselia amplectens (H.& A.) Benth.
11574 " " " "
14025 " " " "
12534 Bonplandia geminiflora Cav. var erosa Brand
12707 Loeselia mexicana (Lam.) Brand
11276 Bonplandia geminiflora Cav. (Var. erosa ?)
12807 Loeselia pumila (Mart. & Galeot.) Walp.
11240)
11164)
11303) Loeselia glandulosa G. Don
8813) (a genetic complex)
13483)
12743)
11671 Cobaea macrostema Pav.
11945 Cobaea scandens Cav.
12736)
11657)
11276) Bonplandia geminiflora Cav.
13531)
9841)

19

HERBARIUM OF GEO. B. HINTON.
VERBENACEAE.
Identified by H.N. Moldenke.

12170 Priva aspera H.B.K.
12224 Priva lappulacea(L.) Pers.
12257 Phyla scaberrima (A.L.Juss.) Moldenke.
12301 Lantana achyranthifolia Desf.
12315 Lantana scandens Moldenke. TYPE COLLECTION
12383 Lippia callicarpaefolia H.B.K.
12462 Lantana achyranthifolia Desf.
12968 Phyla scaberrima (A.L. Juss.) Moldenke.
12998 Bouchea prismatica var. brevirostra Grenz.
13585 Lippia alba (Mill.) N.E.Br.
13789 Vitex Hemsleyi Briq.
13798 Phyla scaberrima (A.L.Juss.) Moldenke.
13823 Phyla nodiflora var. longifolia Moldenke.
13844 Lantana velutina Mart. & Gal.
13852 Lantana scorta Moldenke.
13961 Lantana achyranthifolia Desf.
13968 Bouchea prismatica var. brevirostra Grenz.
13970 Priva lappulacea (L.) Pers.
13975 Priva lappulacea (L.) Pers.
14121 Vitex mollis H.B.K.
14135 Petrea volubilis L.
14146 Duggena panamensis (Cav.) Standl. (RUBIACEAE)
14151 Stachytarpheta mutabilis var. violacea Moldenke
14391 Priva lappulacea (L.) Pers.
14523 Phyla nodiflora var. canescens (H.B.K.) Moldenke.
14538 Heliotropium procumbens Mill. (Boraginaceae)
14825 Citharexylum glabrum (S.Wats.) Greenm.
14868 Lippia callicarpaefolia H.B.K.
15183 Lantana frutilla Moldenke.
15456 Borreria podocephala DC. (RUBIACEAE)
15606 Citharexylum hidalgense Moldenke.
15678 Citharexylum Sessaei D.Don
15625 Priva aspera H.B.K.
15706 Lippia umbellata Cav.

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(19)

Mexican plants colleted by George B. Hinton

entered 5-21-69 KK

Lot. 11 first repot.
(acc.no.162529)

135

Identified by C.V. Morton except as otherwise indicated,
U.S. National Museum, June, 1942.

Gramineae.- Identified by Agnes Chase
Lasiacis ruscifolia (H.B.K.) Hitchc. 16121
Olyra latifolia L. 16137
Pharus Mezii Prod. 16043, 16059. A very rare species, not found before north of Costa Rica.

Palmae.
Chamaedorea sp. Not matched in our collection. It may be new. 15984

Araceae.
Xanthosoma roseum Schott 16047

Commelinaceae.
Tinantia leiocalyx Clarke 15985
Tradescantia disgrega Kunth 16050

Liliaceae.
Antheticum echeandioides Baker 16162

Cannaceae.
Canna edulis Ker? 16165

Zingiberaceae.
Costus mexicanus Liebm.? 16011
Zingiber officinale Rosc. 16007 Introduced

Silicaceae.
Salix taxifolia H.B.K. 16141

Ulmaceae.
Trema micrantha (L.) Blume 16260

Moraceae.
Trophis racemosa (L.) Urban 16291

Urticaceae.
Pilea microphylla Liebm. 16114

Opiliaceae.
Agonandra racemosa (DC.) Standl. 16304

Aristolochiaceae.
Aristolochia odoratissima L. 16147
Aristolochia pardina Duchartre 16167

Polygonaceae.
Coccoloba floribunda (Benth.) Lindau 16132
Coccoloba Juergensenii Lindau 16033, 16271

Amaranthaceae.
Celosia Moquinii Guillem. 16173. A rare species.
Lagrezia (Celosia) Monosperma (Rose) Standl. 16200

Nyctaginaceae.
Commicarpus scandens (L.) Standl. 16220
Mirabilis jalapa L. 16017

Phytolacaceae.
Phytolacca octandra L. 16183
Rivina humilis L. 16004, 16311

Ranunculaceae.
Anemone mexicana H.B.K. 16071
Clematis dioica L. 16181, 16208

Lauraceae
Nectandra nitida Mez ? 16215
Nectandra sanguinea Rottb. 16250

entered 5-31-69 ker

115-2

Hernandiaceae.
Gyrocarpus americanus Jacq. 16187
Papaveraceae.
Bocconia arborea Wats. 16179
Capparidaceae.
Cleome pilosa Benth. 16019
Mimosaceae.
Acacia glomerosa Benth. 16110
Leucaena macrophylla Benth. 16182
Piptadenia constricta)Micheli & Rose) Macbride 16102
Caesalpiniaceae.
Bauhinia amblyophylla Harms 16113
Bauhinia subrotundifolia Cav. 16217
Bauhinia ungulata L. 16240
Caesalpinia cacalaco H. & B. 16199
Caesalpinia caladenia Standl. 16198, 16228
Caesalpinia eriostachys Benth. 16216, 16224
Cassia biflora L. 16012
Cassia sp. 15995
Cassia sp. 16105
Swartzia ochnacea DC. 16230
Fabaceae.
Aeschynomene Palmeri Rose 16060, 16163
Aeschynomene rudis Benth. 16016
Apoplanesia paniculata Presl 16034
Centrosema pubescens Benth. 16154, 16222
Crotalaria longirostrata H.& A 16157
Coursetia mollis Rob. & Greenm. 16225
Dalea unifoliolata Rob. & Greenm. 16158
Diphysa puberulenta Rydb. 16205. Not typical
Drepanocarpus lunatus Mey. 16283
Erythrina leptorhiza DC.? This number is probably wrong. We have another 15402 Eurya sp. This specimen was collected at Sultepec, June 18, 1940. It is a prickly herb with a long root and trifoliolate leaves.
Gliricidia sepium (Jacq.) Steud. 16234, 16288, 16289
Indigofera mucronata Spring 16117
Lonchocarpus parviflorus Benth. 16272
Phaseolus (Ramirezella) strobilophorus (Rob.) Morton 16138
Tephrosia multifolia Rose 16180
Tephrosia piscatoria (Ait.) Pers. 16116
Wenderothia villosa (benth.) Piper 16263
Rutaceae.
Pilocarpus longipes Rose 16178 Not common.
Simarubaceae.
Alvaradoa amorphoides Liebm. 16035, 16115
Quassia amara L. 16221
Burseraceae.
Bursera spp. Will repor later. 15992, 16010, 16148, 16149, 16150, 16279
Meliaceae.
Trichilia colimana C. DC. 16303
Malpighiaceae.
Bunchosia Lindeniana Juss. 16101, 16280
Gaudichaudia cynanchoides H.B.K. 16111
Thryalli gracils (Bartl.) Kuntze 16245
Euphorbiaceae.
Acalypha ocymoides H.B.K.? 16030
Euphorbia adenoptera Bertol. 16252
Euphorbia Francoana Boiss. 16119
Phyllantus brasiliensis (Aubl.) Poir. 16109

entered 5-21-69 KR

115-3

Sapindaceae.
Cupania glabra Sw. 16152
Thouinidium sp.? 16277
Rhamnceae.
Colubrina glomerata (Benth.) Hemsl. 16207, 16261
Zizyphus mexicana Rose 16210
Vitaceae.
Cissus sicyoides L. 16028 A teratological form.
Tiliaceae.
Belltia insignis Baill. 16145, 16306
Heliocarpus tigrinus Hochr. Previously known only from type. 16118
Triumfetta lappula L. 15996
Triumfetta semitriloba Jecq. 16238
Sterculiaceae.
Ayenia Wrightii Rob. 16211 A rarity.
Dilleniaceae.
Saurauja serrata DC. 16257
Guttiferae.
Calophyllum brasiliens is var. Rekoi. (Standl.) Standl. Probabli en extension od range.
Rheedia edulis (Seem.) Tr. & Planch. 16144
Cochlospermaceae.
Cochlospermum vilifolim (Willd.) Spreng. 16273
Flacoutiaceae.
Casearia Pringlei Brinq. 16406
Xylosma flexuosum (H.B.K.) Hemsel. 16209
Myrtaceae.
Eugenia exillaris (Sw.) Willd. 16244
Eugenia Mex iae Standl. 16124, 16266, 16274. A rare species.
Eugenia sp. 16212
Eugenia sp. 16292
Onagraceae,
Lopezia pubescens. H.B.K. 16251
Riesanbachia sp.? Probably n. sp. Will be reported later.16133, 16136, 16297
Theophrastaceae.
Jacquinia aurantaica Ait. 16201
Jacquinia pungens Gray 16282
Myrsinaceae.
Ardisia compressa H.B.K. 16265
Plumbaginaceae
Plumbago scandens L. 16185
Gentianaceae.
Schultesia guianensis (Aubl.) Malme 16151
Asclepiadaceae.
Asclepias curassivica L. This number is wrong.No.15398 is Coriaria thymifolia. This plant was collected at Sultepec,June 17 1940.
Apocynaceae.
Mandevilla ? Will be reported later.
Cuscutaceae.
Cuscuta spp. Will be reported later. 16286, 16294
Polemoniaceae.
Loeselia amplectens (H. & A.) Benth. 16160
Loeselia pumila M.C& G. 16191
Bonplandia geminiflora Cav. 16134
Bonplandia geminiflora var. erosa Brand 16041, 16202
Solanaceae
Solanum piluliferum Benth. 16005

entered 5-21-69 K.R. 115-4

Bignoniaceae.
Amphilophium paniculatum (L.) H.B.K. 16278
Cydista diversigolia (H.B.K.) Miers 16213
Tabebuia Donnell- Smithii Rose 16307
Tecoma stans (L.) H.B.K. 16142
Gesneriaceae.
Achimenes antirrhina (DC.) Morton 15993
Achimenes longiflora DC. 15997
Rubiaceae.
Guettarda alliptica Sw. 16122
Guettarda sp.? 16143
Sickingia mexicana Bullock 15987
Cayaponia attenuata Cogn. 16226 (Cucurbitaceae)
Cucurbitaceae.
Elaterium gracile Cogn. 16003
Lobeliaceae
Heterotoma cordifolia (H.& A.) McV. det. R. McVaugh. 16192, 16298
Family unknown.
Steri e leaves with insect galls 16219
Not recognized. 16177. In fruit.

Maxican Ferns collected by Geo. B. Hinton
(Acc. 162529)

116
20

Identified by William R Maxon, U.S.National Museum, June 1942.

16025. Pteris grandifolia L.
16026. Tectaria heracleifolia (Willd.) Underw.
16039. " dilacerata (Kunze) Maxon.
ask 16040. Dryopteris mexicana (Presl) C.Chr.
ask 16065. (New genus. To be describet by Ballard at Kew?)
16155. Dryopteris mexicana (Presl) C.Chr.
16171. Athyrium Skinneri Moore
16172. Tectaria dilacerata (Kunze) Maxon
16254. Dennstaedtia rubiginosa (Kaulf.) Moore
16256. Dryopteris dentata (Forsk) C.Chr.
16258. Diplazium lonchophyllum Kunze
ask 16262. Hemitelia costaricensis (Kl.) Mett.
16264. Blechnum occidentale L.
16267. Dennstaedtia rubiginosa (Kaulf.) Moore
16269. Polypodium phyllitidis L.
16284. Dryopteris Feei C.Chr.? Rhizome wanting.
16290. Tectaria heracleifolia (Willd.) Underw.
16293. Pityrogramma calomelanos (L.) Link
16295. " " " "
16301. Adiantum trapeziforme L.
16305. Bolbitis cladorrhizans (Spreng.) Ching

entered
5-21-69
K.R.